



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2024/ PRGH - 277
Date : 03/02/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Sarai Dasu
Location : 25.816514, 81.816160
Block : Laxmanpur
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 270 Mbgl
Rm/Rw : 13/15
Date of Logging : 02-February-2024
Logged By : Mr. Shobhit Shrivastav (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalptaru Projects International Ltd, Pratapgarh Uttar Pradesh
Representative : M/S Mosim Raza

Based on the interpretation of **Self Potential(SP)**, **Short Normal(N-16'')**, **Long Normal(N-64'')** and **Lateral(6'')** Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:


Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	25-35	10	Good
2	58-61	3	Good
3	65-72	7	Good
4	185-189	4	Good
5	196-201	5	Good
6	204-211	7	Good
7	218-224	6	Good
8	226-229	3	Good

Note: 1- All zones are intermixed with thin bands of kankar.

2- The formation water quality is deteriorating from marginal to saline in between 102-162Mbgl and below 252Mbgl to till depth logged .

3- A clay kankar intercalation present in between 162-166Mbgl.

4- Sr no 5 is highly kankar intermixed.


AllGeo Solutions
Sanjeet Sharma
(Hydrogeologist)

